

Title (en)

LED lighting device and LED lighting control method

Title (de)

LED-Beleuchtungsanordnung und Beleuchtungssteuerungsverfahren

Title (fr)

Dispositif d'éclairage à DEL et procédé de commande d'éclairage à DEL

Publication

**EP 2793532 A1 20141022 (EN)**

Application

**EP 14001451 A 20140422**

Priority

KR 20130043778 A 20130419

Abstract (en)

An LED lighting device comprises an LED light source unit; a light intensity control unit configured to provide a light intensity control signal for controlling a light intensity through a plurality of steps in a light intensity control mode; and a light source driving unit configured to provide power to the LED light source unit according to the light intensity control signal.

IPC 8 full level

**H05B 33/08** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)

**H05B 45/10** (2020.01 - EP KR US); **H05B 45/37** (2020.01 - KR); **H05B 45/46** (2020.01 - KR); **H05B 45/12** (2020.01 - EP US); **H05B 45/385** (2020.01 - EP US)

Citation (applicant)

- KR 20120039394 A 20120425 - KANG WON IL [KR]
- KR 100681392 B1 20070209 - FEEL COMPANY CO LTD [KR]

Citation (search report)

- [XA] US 2008088254 A1 20080417 - YANG SHEN [CN]
- [XA] US 2011266976 A1 20111103 - ZHANG WANFENG [US], et al
- [A] US 2010277072 A1 20101104 - DRAPER WILLIAM A [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2793532 A1 20141022**; CN 104113960 A 20141022; KR 20140125665 A 20141029; US 2014312805 A1 20141023; US 9198248 B2 20151124

DOCDB simple family (application)

**EP 14001451 A 20140422**; CN 201410160322 A 20140421; KR 20130043778 A 20130419; US 201414257831 A 20140421